

# Digi XBee® Family Features Comparison

Family	Frequency	Protocol	Description	RF Line of Sight Range	Form Factor	Qty. 1 MSRP*	RF Data Rate	Current Draw Tx/Rx	Hardware Reference # / Chipset(s)	Certified Regions
XBee® Wi-Fi	2.4 GHz	IEEE 802.11 	Wi-Fi 802.11b/g/n with easy provisioning, native Device Cloud features with point-to-multipoint device connectivity	N/A	 Through-Hole   Surface Mount	\$29.00	1 to 72 Mbps	309 mA / 100 mA	<b>S6B</b> SiLabs EFM32LG230 ARM M3 Processor, Atheros AR4100 Transceiver	US, CA, EU, AU, JP
XBee® DigiMesh® 2.4		DigiMesh® 	DigiMesh networking, low-cost, low-power	4000 ft (1200 m)		\$17.50	250 Kbps	33mA / 28mA	<b>S2C</b> SiLabs EM357 SoC	US, CA, EU, AUS/ NZ, BR, JP
XBee-PRO® DigiMesh® 2.4			Extended-range DigiMesh	2 miles (3200 m)		\$28.50		120 mA / 31 mA		US, CA, AU, NZ, BR
XBee® 802.15.4		Proprietary 802.15.4 	Point to multipoint device connectivity	4000 ft (1.2 km)		\$17.50	250 Kbps	33mA / 28mA		US, CA, EU, AUS/ NZ, BR, JP
XBee-PRO® 802.15.4			Point to multipoint extended range version	2 miles (3.2 km)		\$28.50		120mA / 31 mA		US, CA, AU, NZ, BR
XBee® ZigBee		ZigBee® Pro 	ZigBee mesh networking, low-cost, low-power	4000 ft / 1.2 km		\$17.50	250 Kbps	33mA / 28mA		US, CA, EU, AUS/ NZ, BR, JP
XBee-PRO® ZigBee			Extended-range ZigBee	2 miles / 3.2 km		\$28.50		120 mA / 31 mA		US, CA, AU, NZ, BR
XBee® ZigBee - Thread Ready			ZigBee protocol (upgradable to Thread protocol) low cost, low power	4000 ft (1.2km)		19.25	250 Kbps	33mA / 28mA	<b>S2D</b> SiLabs EM3587 SoC	US, CA, EU
XBee-PRO® 900HP	900 MHz	Multipoint  DigiMesh® 	Extended-range peer-to-peer mesh, sleeping routers	9 miles / 14.5 km	 Through-Hole   Surface Mount	\$39.00	10 Kbps or 200 Kbps	215 mA / 29 mA	<b>S3B</b> SiLabs EFM32G230F128 ARM M3 Processor, Analog Devices ADF7023 Transceiver	US, CA, AU, BR
XBee® SX		Multipoint 	20mW networking XBee module for mission critical applications	9 miles / 14 km		\$35.00	250 Kbps	55 mA / 40 mA	<b>S10</b> SiLabs EFM32LG230F256G ARM M3 Processor, Analog Devices ADF7023 Transceiver, LNA/SAW (PRO version: PA+LNA/SAW)	US, CA, AU, NZ (BR Pending)
XBee-PRO® SX		DigiMesh® 	1-Watt networking XBee module for mission critical applications	65 miles / 105 km		\$99.00		900 mA / 40 mA		US, CA, AU, (BR Pending)
XBee® 868LP	868 MHz	Multipoint  DigiMesh® 	Low-power peer-to-peer mesh for Europe	2.5 miles / 4 km	 Surface Mount	\$23.00	10 Kbps or 80 Kbps	48 mA / 27 mA	<b>S8</b> SiLabs EFM32G230F128 ARM M3 Processor, Analog Devices ADF7023 Transceiver	EU

\*MSRP is based on quantity 1. For volume orders, Please contact your sales representative for more information.

Programmable versions are also available in several of these products.

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